



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
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DATA MATRIX

Date Jan. 30, 2019	EPA Reg No./File Symbol 87373-	Page 1 of 17
Applicant's/Registrant's Name & Address Argite, LLC 5000 CentreGreen Way, Suite 100 Cary, NC 27513	Product ARG Pymetrozine Technical	

Ingredient: Pymetrozine (CAS No. 123312-89-0; Chemical Code: 101013)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
PRODUCT SPECIFIC DATA REQUIREMENTS					
830.1550	Product Identity and Composition	50606201	Argite, LLC	OWN	
830.1600	Description of Materials Used to Produce the Product	50606201	Argite, LLC	OWN	
830.1620	Description of the Production Process	50606201	Argite, LLC	OWN	
830.1650	Description of the Formulation Process				Not required ¹
830.1670	Discussion of Formation of Impurities	50606201	Argite, LLC	OWN	
830.1700	Preliminary Analysis	50606204	Argite, LLC	OWN	
		50606202	Argite, LLC	OWN	
830.1750	Certified Limits	50606201	Argite, LLC	OWN	
830.1800	Enforcement Analytical Method	50606204	Argite, LLC	OWN	
		50606202	Argite, LLC	OWN	
830.6302	Color	50606203	Argite, LLC	OWN	
		50606205	Argite, LLC	OWN	
830.6303	Physical State	50606203	Argite, LLC	OWN	
		50606205	Argite, LLC	OWN	
830.6304	Odor	50606203	Argite, LLC	OWN	
		50606205	Argite, LLC	OWN	
830.6313	Stability to Normal and Elevated Temperatures, Metals and Metal Ions	50606203	Argite, LLC	OWN	
		50606205	Argite, LLC	OWN	
830.6314	Oxidation/Reduction: Chemical Incompatibility	50606205	Argite, LLC	OWN	

Signature 	Name and Title Ann M. Tillman, PhD Agent	Date Jan. 30, 2019
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830.6315	Flammability	50606205	Argite, LLC	OWN	
830.6316	Explosibility	50606206	Argite, LLC	OWN	Waiver ²
830.6317	Storage Stability	50606203	Argite, LLC	OWN	
830.6319	Miscibility	50606206	Argite, LLC	OWN	Not applicable ³
830.6320	Corrosion Characteristics	50606203	Argite, LLC	OWN	
830.6321	Dielectric Breakdown Voltage				Not applicable ⁴
830.7000	pH	50606203	Argite, LLC	OWN	
		50606205	Argite, LLC	OWN	
830.7050	UV/Visible Absorption	50606203	Argite, LLC	OWN	
		50606205	Argite, LLC	OWN	
830.7100	Viscosity	50606206	Argite, LLC	OWN	Not applicable ⁵
830.7200	Melting Point/Melting Range	50606203	Argite, LLC	OWN	
		50606205	Argite, LLC	OWN	
830.7220	Boiling Point/Boiling Range	50606206	Argite, LLC	OWN	Not applicable ⁶
830.7300	Density/Relative Density/Bulk Density	50606203	Argite, LLC	OWN	
		50606205	Argite, LLC	OWN	
830.7370	Dissociation Constants in Water	50606205	Argite, LLC	OWN	
830.7520	Particle size, fiber length, and diameter distribution	50606206	Argite, LLC	OWN	Waiver ⁷
830.7550	Partition Coefficient (n-octanol/water), Shake Flask Method	50606203	Argite, LLC	OWN	
		50606205	Argite, LLC	OWN	

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830.7560	Partition Coefficient (n-octanol/water), Generator Method				See 830.7570
830.7570	Partition Coefficient (n-octanol/water), Estimation by Liquid Chromatography				See 830.7570
830.7840	Water Solubility: Column Elution Method, Shake Flask Method	50606203 50606205	Argite, LLC Argite, LLC	OWN OWN	
830.7860	Water Solubility: Generator Column Method				See 830.7840
830.7950	Vapor Pressure	50606203 50606205	Argite, LLC Argite, LLC	OWN OWN	
870.1100	Acute oral toxicity – rat	44024926		OLD	See endnote ⁸
870.1200	Acute dermal toxicity – rat	44024928		OLD	See endnote ⁹
870.1300	Acute inhalation toxicity – rat	44024930		OLD	See endnote ¹⁰
870.2400	Eye irritation	44024932		OLD	See endnote ¹¹
870.2500	Skin irritation	44024934		OLD	See endnote ¹²
870.2600	Skin sensitization	44024936		OLD	See endnote ¹³
GENERIC DATA REQUIREMENTS					
850.2100	Acute Avian Oral Toxicity	44024908 49715201	Syngenta Crop Protection, LLC	OLD PAY	See endnote ¹⁴
850.2200	Acute Avian Dietary Toxicity	44024909		OLD	See endnote ¹⁵

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Ingredient: Pymetrozine (CAS No. 123312-89-0; Chemical Code: 101013)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
		44024910		OLD	
850.2400	Wild Mammal Toxicity				Not required/ See 870 series
850.2300	Avian Reproductive Toxicity	44024911 44411304		OLD OLD	See endnote ¹⁶
850.2500	Simulated or Actual Field Testing				Not required
850.1075	Freshwater Fish Toxicity	44024912 44024913		OLD OLD	See endnote ¹⁷
850.1010	Freshwater Invertebrate Toxicity	44024914		OLD	See endnote ¹⁸
850.1025, 850.1035, 850.1045, 850.1055, 850.1075	Acute Toxicity Estuarine and Marine Organisms	44024915 44024916 44024917		OLD OLD OLD	See endnote ¹⁹
850.1300	Aquatic Invertebrate Life Cycle (Freshwater)	44024919		OLD	See endnote ²⁰
850.1350	Aquatic Invertebrate Life Cycle (Saltwater)				Not required ²¹
850.1400	Fish Early Life Stage (Freshwater)	44024918		OLD	See endnote ²²
850.1400	Fish Early Life Stage (Saltwater)				Not required ²³
850.1500	Life Cycle Fish				Not required ²⁴
850.1710, 850.1730, 850.1850	Aquatic Organisms Bioavailability, Biomagnification, Toxicity				Not required ²⁵
850.1950	Simulated or Actual Field Testing for Aquatic Organisms				Not required

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
850.1735	Whole Sediment: Acute Freshwater Invertebrates				Not required
850.1740	Whole Sediment: Acute Marine Invertebrates				Not required
N/A	Whole Sediment: Chronic Invertebrates Freshwater and Marine				Not required
850.3020	Honeybee Acute Contact Toxicity	44024961		OLD	See endnote ²⁶
N/A	Honeybee Adult Acute Oral Toxicity	45579702		OLD	
850.3030	Honeybee Toxicity of Residues on Foliage	45579701 45579703		OLD OLD	See endnote ²⁷
850.3040	Field Testing for Pollinators				Not required ²⁸
N/A	Honeybee Brood Test Under Semi-Field Conditions			GAP	See endnote ²⁹
870.6100	Delayed Neurotoxicity (Acute) – Hen				Not required
870.6200	Acute Neurotoxicity – Rat	44411317		OLD	See endnote ³⁰
870.3100	90-Day Oral: Rodent	44024938 44024939		OLD OLD	See endnote ³¹
870.3150	90-Day Oral: Non-Rodent	44572201		OLD	See endnote ³²
870.3200	21/28-Day Dermal Toxicity	44024942		OLD	See endnote ³³
870.3250	90-Day Dermal Toxicity				Not required/ See 870.3200
870.3465	90-Day Inhalation Toxicity				Not required ³⁴
870.6100	28-Day Delayed Neurotoxicity Hen				Not required

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.6200	90-Day Neurotoxicity	44411318		OLD	See endnote ³⁵
870.4100	Chronic Oral Rodent	44024951		OLD	See endnote ³⁶
870.4200	Carcinogenicity	44024944 44024951		OLD OLD	See endnote ³⁷
870.4300	Combined Chronic Toxicity/Carcinogenicity	44024951		OLD	See endnote ³⁸
870.3700	Reproduction/Developmental Toxicity Screening Test	44024948 44024949		OLD OLD	See endnote ³⁹
870.3800	2-Generation Reproduction: Rat	44024950		OLD	See endnote ⁴⁰
870.6300	Developmental Neurotoxicity Study	46170301		OLD	See endnote ⁴¹
870.5100	Bacterial Reverse Mutation Test	44024952		OLD	See endnote ⁴²
870.5300, 870.5375	<i>In vitro</i> Mammalian Cell Assay	44024953 44024954		OLD OLD	See endnote ⁴³
870.5385, 870.5395, 870.5450, 870.5550	<i>In vivo</i> Cytogenetics and Other Effects	44024955 44024956		OLD OLD	See endnote ⁴⁴
870.7485	Metabolism and Pharmacokinetics	44024957 44517720		OLD OLD	See endnote ⁴⁵
870.7200	Companion Animal Safety				Not required
870.7600	Dermal Penetration	44024958		OLD	See endnote ⁴⁶
870.7800	Immunotoxicity				Not required ⁴⁷

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
875.1100	Dermal Exposure – Outdoor		Agricultural Handler Exposure TF	OWN	See endnote ⁴⁸
875.1200	Dermal Exposure - Indoor				Not required ⁴⁹
875.1300	Inhalation Exposure – Outdoor		Agricultural Handler Exposure TF	OWN	See endnote ⁴⁸
875.1400	Inhalation Exposure - Indoor				Not required ⁵⁰
875.1500	Biological Monitoring		Agricultural Handler Exposure TF	OWN	See endnote ⁴⁸
875.1600	Data Reporting and Calculations		Agricultural Handler Exposure TF	OWN	See endnote ⁴⁸
875.1700	Product Use Information		Agricultural Handler Exposure TF	OWN	See endnote ⁴⁸
875.2100	Dislodgeable Foliar Residue and Turf Transferable Residues	44411319 45387805		OLD OLD	
875.2200	Soil Residue Dissipation		Agricultural Reentry TF Outdoor Residential Exposure TF	OWN OWN	See endnote ⁵¹
875.2400	Dermal Exposure		Agricultural Reentry TF Outdoor Residential Exposure TF	OWN OWN	See endnote ⁵¹
875.2500	Inhalation Exposure		Agricultural Reentry TF Outdoor Residential Exposure TF	OWN OWN	See endnote ⁵¹
875.2600	Biological Monitoring		Agricultural Reentry TF Outdoor Residential Exposure TF	OWN OWN	See endnote ⁵¹
875.2700	Product Use Information		Agricultural Reentry TF Outdoor Residential Exposure TF	OWN OWN	See endnote ⁵¹

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Product

ARG Pymetrozine Technical

Ingredient: Pymetrozine (CAS No. 123312-89-0; Chemical Code: 101013)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
875.2800	Descriptions of Human Activity		Agricultural Reentry TF Outdoor Residential Exposure TF	OWN OWN	See endnote ⁵¹
875.2900	Data Reporting and Calculations		Agricultural Reentry TF Outdoor Residential Exposure TF	OWN OWN	See endnote ⁵¹
875.3000	Nondietary Ingestion Exposure		Agricultural Reentry TF Outdoor Residential Exposure TF	OWN OWN	See endnote ⁵¹
201-1	Droplet Size Spectrum		Spray Drift Task Force	OWN	See endnote ⁵²
202-1	Droplet Size Spectrum		Spray Drift Task Force	OWN	See endnote ⁵²
850.4100	Tier 1: Seedling Emergence	49637001	Syngenta Crop Protection, LLC	PAY	See endnote ⁵³
850.4150	Tier 1: Vegetative Vigor	49637002	Syngenta Crop Protection, LLC	PAY	See endnote ⁵⁴
850.4400, 850.4500	Tier 1: Aquatic Plant Growth	44024959 44024960		OLD OLD	See endnote ⁵⁵
850.4100	Tier 2: Seedling Emergence	49637001	Syngenta Crop Protection, LLC	PAY	See endnote ⁵⁶
850.4150	Tier 2: Vegetative Vigor	49637002	Syngenta Crop Protection, LLC	PAY	See endnote ⁵⁷
850.4400, 850.4500	Tier 2: Aquatic Plant Growth	44024959 44024960		OLD OLD	See endnote ⁵⁸
850.4300	Terrestrial Field				Not required
850.4450	Aquatic Field				Not required

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850.4025	Target Area Phytotoxicity				Not required
835.2120	Hydrolysis	44024962 44024963 44024964		OLD OLD OLD	See endnote ⁵⁹
835.2240	Photodegradation in Water	44411321 44411322 44471702		OLD OLD OLD	See endnote ⁶⁰
835.2410	Photodegradation in Soil	44411324 44411325 45208701 45208702		OLD OLD OLD OLD	See endnote ⁶¹
835.2370	Photodegradation in Air				Not required
835.4100	Aerobic Soil Metabolism	44024965 44024966		OLD OLD	See endnote ⁶²
835.4200	Anaerobic Soil Metabolism				See 835.4400 ⁶³
835.4300	Aerobic Aquatic Metabolism	49921304 49921305 49921306	Syngenta Crop Protection, LLC Syngenta Crop Protection, LLC Syngenta Crop Protection, LLC	PAY PAY PAY	See endnote ⁶⁴

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Product

ARG Pymetrozine Technical

Ingredient: Pymetrozine (CAS No. 123312-89-0; Chemical Code: 101013)

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835.4400	Anaerobic Aquatic Metabolism	44024967 44024968		OLD OLD	See endnote ⁶⁵
835.1230, 835.1240	Leaching/Adsorption/Desorption	44024969 44411326		OLD OLD	See endnote ⁶⁶
835.1410	Volatility – Laboratory				Not required ⁶⁷
835.8100	Volatility – Field				Not required
835.6100	Soil Field Dissipation Study	44411334 44411338 44471703 44647901 44647903 44647904 45387801 45387802 45387803		OLD OLD OLD OLD OLD OLD OLD OLD OLD	See endnote ⁶⁸
835.6200	Aquatic Sediment Field Dissipation Study				Not required
835.6300	Forest Field Dissipation Study				Not required
835.6400	Combination and Tank Mixes				Not required
835.7100	Ground Water Monitoring				Not required
850.6100	Environmental Chemistry Methods	49673101 49673102	Syngenta Crop Protection, LLC Syngenta Crop Protection, LLC	PAY PAY	See endnote ⁶⁹

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1300	Nature of the Residue: Plants	44024975 44024976 44024977 44572207 44830401 44830402 44830403 44830404 44830405		OLD OLD OLD OLD OLD OLD OLD OLD OLD	
860.1300	Nature of the Residue: Livestock	44411342 44411343 44753301 44753302		OLD OLD OLD OLD	
860.1850	Confined Rotational Crops	44024973 44024974 44572209		OLD OLD OLD	

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ARG Pymetrozine Technical

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860.1340	Residue Analytical Methods	44024980		OLD	
		44024981		OLD	
		44411344		OLD	
		44745601		OLD	
		44745602		OLD	
		45387804		OLD	
860.1360	Multiresidue Method	44024982		OLD	
860.1380	Storage Stability	44647905		OLD	
		44647906		OLD	
		45091004		OLD	
		45301301		OLD	
		45413601		OLD	
860.1500	Magnitude of the Residue in Plants: cotton	44572208		OLD	
		45091003		OLD	

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DATA MATRIX

Date Jan. 30, 2019	EPA Reg No./File Symbol 87373-	Page 13 of 17
Applicant's/Registrant's Name & Address Argite, LLC 5000 CentreGreen Way, Suite 100 Cary, NC 27513	Product ARG Pymetrozine Technical	

Ingredient: Pymetrozine (CAS No. 123312-89-0; Chemical Code: 101013)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Magnitude of the Residue in Plants: hops	44084401		OLD	
		44084402		OLD	
		44084403		OLD	
		44084404		OLD	
		44084405		OLD	
		44084406		OLD	
		44084407		OLD	
		44100501		OLD	
		44647909		OLD	
860.1500	Magnitude of the Residue in Plants: pecans	45091002		OLD	
860.1500	Magnitude of the Residue in Plants: asparagus	45689401		OLD	
860.1500	Magnitude of the Residue in Plants: Tuberous Root and Corm Vegetables	44715110 46470501	Syngenta Crop Protection, LLC	OLD PAY	
860.1500	Magnitude of the Residue in Plants: tobacco	44024983		OLD	
860.1500	Magnitude of the Residue in Plants: <i>Brassica</i> vegetables	44647907		OLD	
860.1500	Magnitude of the Residue in Plants: cucurbit vegetables	44024984		OLD	
		44411348		OLD	
		45105301		OLD	

Signature 	Name and Title Ann M. Tillman, PhD Agent	Date Jan. 30, 2019
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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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DATA MATRIX

Date Jan. 30, 2019

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Applicant's/Registrant's Name & Address

Argite, LLC
5000 CentreGreen Way, Suite 100
Cary, NC 27513

Product

ARG Pymetrozine Technical

Ingredient: Pymetrozine (CAS No. 123312-89-0; Chemical Code: 101013)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Magnitude of the Residue in Plants: fruiting vegetables	44024985 44416311 45091001		OLD OLD OLD	
860.1500	Magnitude of the Residue in Plants: leafy vegetables	44647908 48481701	IR-4	OLD PL	
860.1520	Magnitude of the Residue in Processed Food or Feed: cotton	44572208 45091003		OLD OLD	
860.1520	Magnitude of the Residue in Processed Food or Feed: potatoes	44715110 46470501	Syngenta Crop Protection, LLC	OLD PAY	
860.1520	Magnitude of the Residue in Processed Food or Feed: tomatoes	44024985 44416311		OLD OLD	
860.1480	Magnitude of the Residue in Meat, Milk, Poultry, and Eggs	44411347		OLD	
860.1400	Nature and Magnitude of the Residue in Potable Water				Not required
860.1400	Magnitude of the Residue in Fish				Not required
860.1400	Magnitude of the Residue in Plants Resulting from the Use of Irrigation Water				Not required
860.1460	Magnitude of the Residue in Food Handling Establishments				Not required
860.1900	Field Rotational Crops	44716601		OLD	

Signature

Name and Title

Ann M. Tillman, PhD | Agent

Date

Jan. 30, 2019

Endnotes for Data Matrix for ARG Pymetrozine Technical

- ¹ **830.1650** - These data are not required for the registration of a manufacturing use product. See 830.1620 for production process information.
- ² **830.6316** - Argite, LLC requests a waiver from this data requirement because pymetrozine does not have the chemical bonds or functional groups associated with explosive chemicals.
- ³ **830.6319** - This data requirement is required when the product is an emulsifiable liquid and is diluted with petroleum solvents. ARG Pymetrozine Technical is not an emulsifiable liquid to be diluted with petroleum solvents and therefore this data requirement is not applicable.
- ⁴ **830.6321** - These data are not required for registration of a technical grade active ingredient.
- ⁵ **830.7100** - These data are required when the product is a liquid. ARG Pymetrozine Technical is a solid and these data are not required.
- ⁶ **830.7220** - This data requirement is not applicable to ARG Pymetrozine Technical because it is a solid.
- ⁷ **830.7520** - Argite, LLC is seeking a waiver for this data requirement for ARG Pymetrozine Technical because the product is not a fibrous material and is not water insoluble.
- ⁸ **870.1100** - The study cited is acceptable and satisfies the data requirement as per the Dec. 21, 2017 Pymetrozine Draft Human Health Risk Assessment for Registration Review (DP Barcode 528651) (Human Health RA).
- ⁹ **870.1200** - The study cited is acceptable and satisfies the data requirement as per the Human Health RA.
- ¹⁰ **870.1300** - The study cited is acceptable and satisfies the data requirement as per the Human Health RA.
- ¹¹ **870.2400** - The study cited is acceptable and satisfies the data requirement as per the Human Health RA.
- ¹² **870.2500** - The study cited is acceptable and satisfies the data requirement as per the Human Health RA.
- ¹³ **870.2600** - The study cited is acceptable and satisfies the data requirement as per the Human Health RA.
- ¹⁴ **850.2100** - The studies cited are acceptable and satisfy the data requirement as per the Dec. 21, 2017 Preliminary Ecological Risk Assessment for the Registration Review of Pymetrozine (DP Barcode 439602) (Eco RA).
- ¹⁵ **850.2200** - The studies cited are acceptable or supplemental, but satisfy the data requirement as per the Eco RA and/or the April 29, 2013 Registration Review: Preliminary Problem Formulation for Pymetrozine (DP Barcode 408388) (Problem Formulation). Note: 44024910 appears to have been incorrectly cited in the Eco RA, but is correctly cited in the matrix.
- ¹⁶ **850.2300** - The studies cited are acceptable or supplemental, but satisfy the data requirement as per the Eco RA.
- ¹⁷ **850.1075** - The studies cited are acceptable and satisfy the data requirement as per the Eco RA and/or Problem Formulation.
- ¹⁸ **850.1010** - The study cited is acceptable and satisfies the data requirement as per the Eco RA.
- ¹⁹ **850.1025, 850.1035, 850.1045, 850.1055, 850.1075** - The studies cited are acceptable or supplemental, but satisfy the data requirement as per the Eco RA.
- ²⁰ **850.1300** - The study cited is acceptable and satisfies the data requirement as per the Eco RA.
- ²¹ **850.1350** - The Eco RA stated that no data are available but that no data are required due to low toxicity of pymetrozine.

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- ²² **850.1400** – The study cited is supplemental but satisfies the data requirement as per the Eco RA.
- ²³ **850.1400** – The Eco RA stated that no data are available but that no data are required due to low toxicity of pymetrozine.
- ²⁴ **850.1500** – The Eco RA stated that no data are available but that no data are required due to low toxicity of pymetrozine.
- ²⁵ **850.1710, 850.1730, 850.1850** – The Eco RA stated that no data are available but that no data are required due to the characteristics of pymetrozine.
- ²⁶ **850.3020** – The study cited is acceptable and satisfies the data requirement as per the Eco RA.
- ²⁷ **850.3030** – The studies cited are in review as per the Eco RA.
- ²⁸ **850.3040** – The Eco RA stated that no data are available but that no data are required.
- ²⁹ **N/A** – The Eco RA identified this data requirement as a data gap. After Argite obtains its registration and EPA issues a Data Call-In, Argite will issue an offer to cost share for the development of these data.
- ³⁰ **870.6200** – The study cited is acceptable and satisfies the data requirement as per the Human Health RA.
- ³¹ **870.3100** – The studies cited are acceptable and satisfy the data requirement as per the Human Health RA.
- ³² **870.3150** – The study cited is acceptable and satisfies the data requirement as per the Human Health RA.
- ³³ **870.3200** – The study cited is acceptable and satisfies the data requirement as per the Human Health RA.
- ³⁴ **870.3250** – The Human Health RA stated that these data are not required for pymetrozine.
- ³⁵ **870.6200** – The study cited is acceptable and satisfies the data requirement as per the Human Health RA.
- ³⁶ **870.4100** – The study cited is acceptable and satisfies the data requirement as per the Human Health RA. Note: chronic dog data are not cited as these data are no longer required as per the 2007 revisions to 40 CFR Part 158.
- ³⁷ **870.4200** – The studies cited are acceptable and satisfy the data requirement as per the Human Health RA.
- ³⁸ **870.4300** – The study cited is acceptable and satisfies the data requirement as per the Human Health RA.
- ³⁹ **870.3700** – The studies cited are acceptable and satisfy the data requirement as per the Human Health RA.
- ⁴⁰ **870.3800** – The study cited is acceptable and satisfies the data requirement as per the Human Health RA.
- ⁴¹ **870.6300** – The study cited is acceptable and satisfies the data requirement as per the Human Health RA.
- ⁴² **870.5100** – The study cited is acceptable and satisfies the data requirement as per the Human Health RA.
- ⁴³ **870.5300, 870.5375** – The studies cited are acceptable and satisfy the data requirement as per the Human Health RA.
- ⁴⁴ **870.5385, 870.5395, 870.5450, 870.5550** – The studies cited are acceptable and satisfy the data requirement as per the Human Health RA.
- ⁴⁵ **870.7485** – The studies cited are acceptable and satisfy the data requirement as per the Human Health RA.

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- ⁴⁶ **870.7600** – The study cited is acceptable and satisfies the data requirement as per the Human Health RA.
- ⁴⁷ **870.7800** – The Human Health RA stated that these data are not required for pymetrozine.
- ⁴⁸ **875.1100, 875.1300, 875.1500, 875.1600, 875.1700** – Argite, LLC is a member in good standing with the Agricultural Handler Exposure Task Force (AHETF).
- ⁴⁹ **875.1200** – These data are not required as per the proposed use pattern of ARG Pymetrozine Technical.
- ⁵⁰ **875.1400** – These data are not required as per the proposed use pattern of ARG Pymetrozine Technical.
- ⁵¹ **875.2200, 875.2300, 875.2400, 875.2500, 875.2600, 875.2700, 875.2800, 875.2900, 875.3000** – Argite, LLC is a member in good standing with the Agricultural Reentry Task Force (ARTF) and the Outdoor Residential Exposure Task Force (ORETF).
- ⁵² **201-1, 202-2** – Argite, LLC is a member in good standing with the Spray Drift Task Force (SDTF).
- ⁵³ **850.4100** – The study cited is acceptable and satisfies the data requirement as per the Eco RA.
- ⁵⁴ **850.4150** – The study cited is acceptable and satisfies the data requirement as per the Eco RA.
- ⁵⁵ **850.4400, 850.4500** – The studies cited are acceptable or supplemental, but satisfy the data requirement as per the Eco RA and/or Problem Formulation. Note: only two species have been submitted, but no additional species are required based on the toxicity of pymetrozine as per the Problem Formulation.
- ⁵⁶ **850.4100** – The study cited is acceptable and satisfies the data requirement as per the Eco RA.
- ⁵⁷ **850.4150** – The study cited is acceptable and satisfies the data requirement as per the Eco RA.
- ⁵⁸ **850.4400, 850.4500** – The studies cited are acceptable or supplemental, but satisfy the data requirement as per the Eco RA and/or Problem Formulation. Note: only two species have been submitted, but no additional species are required based on the toxicity of pymetrozine as per the Problem Formulation.
- ⁵⁹ **835.2120** – The studies cited are supplemental, but satisfy the data requirement as per the Eco RA.
- ⁶⁰ **835.2240** – The studies cited are supplemental, but satisfy the data requirement as per the Eco RA.
- ⁶¹ **835.2240** – The studies cited are supplemental, but satisfy the data requirement as per the Eco RA.
- ⁶² **835.4100** – The studies cited are supplemental but satisfy the data requirement as per the Problem Formulation and no additional data were required. Newly submitted data, which were also listed in the Eco RA, were not cited because EPA did not require any additional data in the May 1, 2014 Registration Review Data Call-In (DCI).
- ⁶³ **835.4200** – The Eco RA noted that no data have been submitted, but Anaerobic Aquatic Metabolism data would be used to satisfy the data requirement.
- ⁶⁴ **835.4300** – The studies cited are supplemental, but satisfy the data requirement as per the Eco RA.
- ⁶⁵ **835.4400** – The studies cited are supplemental, but satisfy the data requirement as per the Problem Formulation.
- ⁶⁶ **835.1230, 835.1240** – The studies cited are acceptable or supplemental, but satisfy the data requirement as per the Eco RA.
- ⁶⁷ **835.1410** – The Problem Formulation stated that no data are available but that no data are required due to the characteristics of pymetrozine.
- ⁶⁸ **835.6100** – The studies cited are supplemental, but satisfy the data requirement as per the Eco RA. Nonguideline data listed in the Eco RA were not cited.
- ⁶⁹ **850.6100** – The studies cited appear to have been submitted in response to the DCI.